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(71) Applicant (for all designated States except US): **SCORING SYSTEMS, INC.** [US/US]; 1800 2nd Street, Suite 760, Sarasota, FL 34236 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KANITZ, William, A.** [US/US]; 314 Bird Key Drive, Sarasota, FL 34238 (US). **OLSON, Lawrence, E.** [US/US]; 9009 Huntington Pointe, Sarasota, FL 34236 (US).

(74) Agent: **SWIFT, Paul, F.**; McCarter & English, LLP, Four Gateway Center, 100 Mulberry Street, Newark, NJ 07102-4056 (US).

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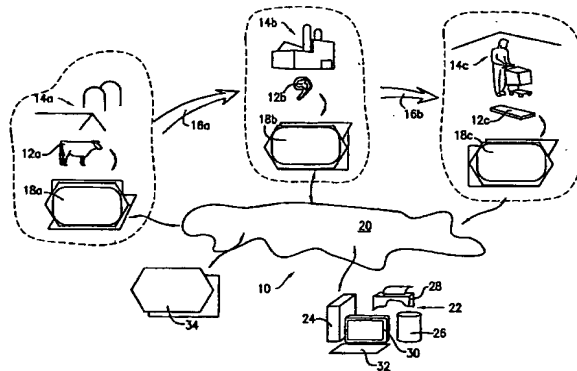
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(54) Title: **SYSTEM AND METHOD FOR SITE-SPECIFIC ELECTRONIC RECORDKEEPING**



(57) **Abstract:** A tracking and labeling system (10) for collecting, recording and reporting data (38) on an item (12a, 12b, 12c) as the item experiences changes in state over time. The system has a plurality of node systems (18a, 18b, 18c, 18d, 18e, 18f) connected to the Internet (20) that transmit data (38) to a server (22) with database handling software. As the item (12a, 12b, 12c) is processed at various places and times (14a, 14b, 14c), the data (38) associated with the item (12a, 12b, 12c) is captured by the node systems (18a, 18b, 18c, 18d, 18e, 18f) and sent to the server database (26). At various points along the way, labels (46d, 46e, 46f) may be generated to hold a selected portion of the data (38) associated with the item (12a, 12b, 12c). The labels (46d, 46e, 46f) may be read by offline apparatus, as well as by the node systems (18a, 18b, 18c, 18d, 18e, 18f). The node systems (18a, 18b, 18c, 18d, 18e, 18f) may also print labels (46d, 46e, 46f, 50), e.g., in 2D barcode format, for updating the data (38) associated with an item (12a, 12b, 12c) as it is processed. In this manner, the label (46d, 46e, 46f, 50) contains up-to-date information on the item (12a, 12b, 12c). The system (10) permits the entire chronologically ordered site-specific history of an item to be recalled through a query directed to the server system (22) and therefore can be applied to various applications such as tracking the origin of food products for public health purposes. The server system (22) can be accessed by users on the Internet (20).